



HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT AND  
CORRESPONDENCE ADDRESS**

Application Number	10/780,901
Filing Date	February 18, 2004
First Named Inventor	Manfred R. Kuehnle
Confirmation Number	9060
Group Art Unit	1773
Examiner Name	Not Yet Assigned
Attorney Docket Number	3483.1000-001

Title ENCAPSULATED NANOPARTICLES FOR THE ABSORPTION OF ELECTROMAGNETIC ENERGY

I/We hereby appoint

☒ the attorneys/agents associated with **Customer No. 021005**

☐ Practitioner(s) named below:

as my/our attorneys/agents to prosecute the application identified above, including any continuation or divisional applications thereof, and to transact all business in the United States Patent and Trademark Office connected therewith.

The correspondence address for the above-identified application is:

☒ Customer Number 021005

Hamilton, Brook, Smith & Reynolds, P.C.

530 Virginia Road

P.O. Box 9133

Concord, Massachusetts 01742-9133

☐ Other

Please direct all telephone calls and facsimiles to:

Name David J. Thibodeau, Jr. Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136

I am the:

☒ Applicant/Inventor.

☐ Authorized representative of the Assignee, [ ], of the entire interest. See 37 C.F.R. § 3.71. A Statement under 37 C.F.R. § 3.73(b) is enclosed.

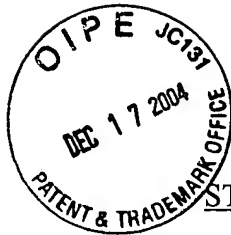
☐ Authorized representative of the Assignee, [ ], together with [ ], of the entire interest. A Statement under 37 C.F.R. § 3.73(b) is enclosed.

**SIGNATURE of Applicant or Assignee of Record**

Name & Title Manfred R. Kuehnle, Chairman of the Board and CEO

Signature Manfred R. Kuehnle

Date Sept. 28, 2004



Docket No. 3483.1000-001

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Inventors: Manfred R. Kuehnle and Hermann Statz

Application No./Patent No.: 10/780,901 Filed/Issue Date: February 18, 2004

For: ENCAPSULATED NANOPARTICLES FOR THE ABSORPTION OF ELECTROMAGNETIC ENERGY

Manfred R. Kuehnle, an individual,  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with ☐ of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or **a copy thereof is attached.**

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: Sept. 28, 2004

Name: Manfred R. Kuehnle

Title: Chairman of the Board and CEO

Signature: M. R. Kuehnle

Multi-SoleASSIGNMENT

WHEREAS, I, **Hermann Statz**, together with co-inventor **Manfred R. Kuehnle**, have invented a certain improvement in **Encapsulated Nanoparticles For the Absorption of Electromagnetic Energy**, described in an application for Patent,

- ☐ the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for 37 CFR §1.53(b) filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **10/780,901**, filed **February 18, 2004**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [   ], which designates the United States of America;
- ☐ which was patented under United States Patent No. [   ].

WHEREAS, **Manfred R. Kuehnle** (hereinafter "ASSIGNEE"), an individual residing at **22 Deer Run Road, Lincoln, Massachusetts 01773** desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which

may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: \_\_\_\_\_

Hermann Statz

**Hermann Statz**

State/Commonwealth

of MASSACHUSETTS

County of MIDDLESEX

On this 18TH day of JUNE, 2004, before me, the undersigned notary public, personally appeared **Hermann Statz**,

☐ personally known to me, or

☒ proved to me through satisfactory evidence of identification, which was MASSACHUSETTS DRIVER'S LICENSE

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Norman T. Dubuc

Notary Public

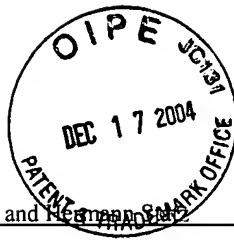
NORMAN T. DUBUC

(print name)

My Commission expires SEPT 18 2009



STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.27(a)--PERSON)



DOCKET NUMBER: 3483.1000-001

Applicant or Patentee: Manfred R. Kuehnle and Hermann S. Sauer  
Application or Patent No.: 10/780,901  
Filed or Issued: February 18, 2004  
Title: Encapsulated Nanoparticles For the Absorption of Electromagnetic Energy

I hereby state that I qualify as a person as defined in 37 CFR 1.27(a)(1) for purposes of paying reduced fees to the Patent and Trademark Office described in:

☐ the specification filed herewith with title as listed above.

☒ the application identified above.

☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to one or more parties who would not qualify as a person under 37 CFR 1.27(a)(1) or to any concern which would not qualify as a small business concern under 37 CFR 1.27(a)(2) or a nonprofit organization under 37 CFR 1.27(a)(3).

Each additional person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☒ no such person, concern, or organization exists.

☐ each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.27(g)(2))

Manfred R. Kuehnle

Manfred R. Kuehnle

Manfred R. Kuehnle

Signature of Person

April 5, 2004

Date